IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kumar et al.

Title: ELECTROCHEMILUMINESCENCE FLOW CELL AND

FLOW CELL COMPONENTS

Appl. No.: 10/600,164

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Examiner: Turk, Neil N.

Art Unit: 1797

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Mail Stop **AF** Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

REPLY AND AMENDMENT UNDER 37 C.F.R. §§ 1.113 and 1.116

This Reply and Amendment filed is intended to be completely responsive to the final Office Action dated October 28, 2008 and the Advisory Action dated January 9, 2009 concerning the above-referenced patent Application.

Amendments to the Claims are reflected in the Listing of Claims which begins on page 2 of this document.

Remarks begin on page 10 of this document.

Please amend the Application as follows: